PRODUCT SPECIFICATION

NR500-EA

5G high speed CPE

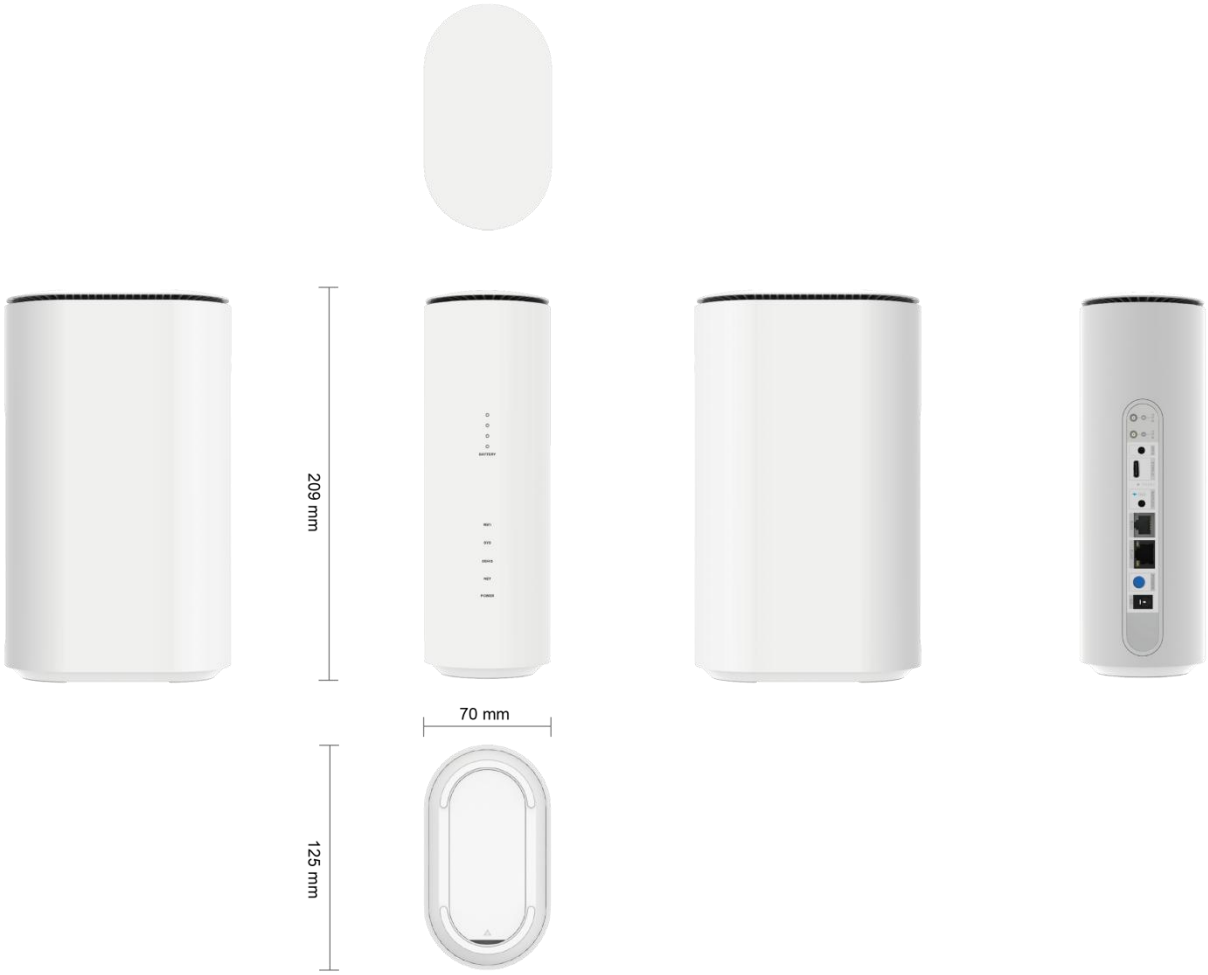
Product Brief

This device is a high-performance 5G broadband wireless router, CPE called Customer Premise Equipment, which translates as "customer front device"."Front" means that the CPE is used and set in the "first step".It converts carrier-supplied signals or cable broadband signals into broadband or Wi-Fi signals that we can use directly.5G CPE is a new 5G terminal device in the "5G era". Because of the built-in 5G chip, it can convert the 5G signal sent by the base station into broadband / Wi-Fi signal, further improving everyone's network experience.Insert the SIM card, the device has electricity on a network, flexible can move to other places, anytime and anywhere network.

Product specification

- The latest 5G technology, carefree and high-speed Internet access.
- More network interface design, can provide wired network for other equipment.
- Built-in multiple antennas, reasonable internal layout, strong and stable signal reception, omnidirectional coverage.
- Plug in SIM card, transmit WiFi signal, easy to have network.
- Portable design, optional with a battery version, anytime, anywhere, with a network.

Appearance display



Application scenario


THE
SWEDISH
INTERIOR
DESIGN
GADGETS
FROM
EVERYMOTION

Specification parameter

Interface	Network	1*1000Mbps LAN
	Voice	1*RJ11(optional)
	SIM	2FF or 4FF(DUAL SIM OPTIONAL)
	Button	Reset/WPS/Battery level/Power
	Battery	7.4V(2000mAh X 2) (optional) or 7.4V(5000mAh X 2) (optional)
	External antenna	TS9 (optional)
	TypeC	Firmware upgrade
	DC	Input voltage:12V-1.5A
Solution	5G Module	RG500U-EA
	5G Module processor	UNISOC UDX710
	5G Module Processor parameters	Dual-core ARM Cortex-A55 procesador 1.35GHz
	WIFI Module(optional)	FC06E
	WIFI Module processor	Qualcomm 2064
5G/4G/3G	3GPP Release	5G NR (3GPP Release 15)
	5G Modulation	DL 256QAM, UL 256QAM
	4G Modulation	DL QPSK、16QAM、64QAM、256QAM, UL QPSK、16QAM、64QAM
	3G Modulation	QPSK、16QAM、64QAM
	Max. transmitter Power	WCDMA B1/B2/B5/B8：Class 3 (24 dBm +1/-3 dB) LTE B1/B2/B3/B4/B5/B8/B20/B38/B40/B41/B66：Class 3 (23 dBm±2.7 dB) LTE B28：Class 3 (23 dBm +2.7/-3.2 dB) LTE B41 HPUE：Class 2 (26 dBm ±2.7 dB) 5G NR n1/n3/n5/n7/n8/n20/n38/n40/n41：Class 3 (23 dBm ±2 dB) 5G NR n28：Class 3 (23 dBm +2/-2.5 dB) 5G NR n77/n78/n79：Class 3 (23 dBm +2/-3 dB) 5G NR n41/n78/n79 HPUE：Class 2 (26 dBm +2/-3 dB)
	Band	5G NR NSA n1/ 3/ 7/ 38/ 40/ 41/ 77/ 78/ 79
		5G NR SA n1/ 3/ 5/ 7/ 8/ 20/ 28/ 38/ 40/ 41/ 71/ 77/ 78/ 79(n5 n71 optional)
		LTE-FDD B1/ 2/ 3/ 4/ 5/ 7/ 8/ 20/ 28A/ 28B/ 66

		LTE-TDD B38/ 40/ 41
		WCDMA B1/B2/B5/B8
	LTE Feature	Max： CA：DL 3CC，UL 2CC FDD：DL Cat 12，UL Cat 13 TDD：DL Cat 12，UL Cat 13
		Support 1.4/3/5/10/15/20 MHz bandwidth
		DL support 2 × 2 MIMO
		Max： DL 600 Mbps UL 150 Mbps
	UMTS Feature	Support DC-HSDPA HSDPA HSUPA HSPA+ WCDMA
		Max：DL 42.2 Mbps UL 11Mbps
	5G NR Feature	DL 4 × 4 MIMO：n1/ 3/ 7/ 38/ 40/ 41/ 77/ 78/ 79 UL 2 × 2 MIMO：n38/ 40/ 41/ 77/ 78/ 79 DL 2 × 2 MIMO：n5/ 8/ 20/ 28/ 71 (n5 n71 optional) NSA ：MAX DL 2.6 Gbps，MAX UL 575 Mbps SA ：MAX DL 2 Gbps，MAX UL 1 Gbps
WLAN	WIFI antenna	Internal antenna
	Modulation	DBPSK/DQPSK/CCK/BPSK/QPSK/QAM
	WiFi protocol	IEEE 802.11 a/b/g/n/ac/ax
	Frequency	2.4 GHz WLAN: 2.400–2.4835 GHz 5 GHz WLAN: 5.150–5.850 GHz
	Bandwidth	2.4G 20MHz/40MHz 5G 20MHz/40MHz/80MHz
	Rate	1774.5Mbps data rate (2 × 2 + 2 × 2 11ax DBS)
	2.4G Max. transmitter power	802.11b/1Mbps 21dbm
		802.11g/54Mbps 19dbm
		802.11n/HT40 MCS7 18dbm
		802.11ax/HE40 MCS11 17dbm
	5G Max. transmitter power	802.11a/54Mbps 18dbm
		802.11n/HT40 MCS7 18dbm
		802.11ac/VHT80 MCS9 17dbm
		802.11ax/HE80 MCS11 16.5dbm
Software	Language	English
	Wizard	Supported
	Device info	CPU Usaage/Memory Usage/Online time/Runtime/UUID/software version
	Network info	IMEI/IMSI/ICCID/RSRP/RSRQ/RSSI/SINR/PCID/EARFCN/Frequency
	DHCP server	Supported

	DHCP client list	Supported
	APN Setting	Supported
	Network Lock	Supported
	Band Lock	Supported
	PCI Lock	Supported
	PIN Management	Supported
	DHCP Client	Supported
	WIFI mac filter	White list and Black list
	WIFI Broadcast	Supported
	Hidden WIFI signal	Supported
	WPS	Supported
	WIFI Security Type	WPA-PSK/WPA2-PSK
	SMS	Supported
	Traffic statistics	Supported
	NTP	Supported
	Reboot Schedule	Supported
	Flow setting	Supported
	Sim card Switch	Supported (optional)
	system log	Supported
	system upgrade	Local upgrade/FOTA
	Reboot and Reset	Supported
	Signal bar	Supported (WEBUI)
	Tr069	Supported
	Login Account Settings	Supported
Envionment	Operating temperature	-20 to 60° C
	Storage temperature	-40 to 85° C

以上为常用频段，频段可根据模块按需定制！

The above are common frequency bands, which can be customized according to the module needs!

CA Combination

CA Combination	3GPP Status	No. of CC	Region	UL	UL CA	DL 4 × 4 MIMO	Spread sheet Version
CA_1A-1A	3GPP	2DL	Australia, France	1A	-	-	V1.0
CA_1A-20A	3GPP	2DL	UK, Spain, Germany, Italy, Switzerland	1A, 20A	-	-	V1.0
CA_1A-28A	3GPP	2DL	Australia, France, Germany, Italy, Japan, Netherlands, Switzerland, Saudi, Taiwan	1A, 28A	-	-	V1.0
CA_1A-38A	3GPP	2DL	Taiwan	1A	-	-	V1.0
CA_1A-3A	3GPP	2DL	Australia, Brazil, China Mainland, Hong Kong, Japan, Korea, Singapore, Taiwan, UK, Saudi, Vietnam	1A, 3A	-	-	V1.0
CA_1A-40A	3GPP	2DL	Australia, Hong Kong, Saudi	1A	-	-	V1.0
CA_1A-41A	3GPP	2DL	Japan, Saudi	1A	-	-	V1.0
CA_1A-5A	3GPP	2DL	China Mainland, Korea	1A, 5A	-	-	V1.0
CA_1A-7A	3GPP	2DL	Australia, Hong Kong, Korea, Singapore, Taiwan, UK	1A, 7A	-	-	V1.0
CA_1A-8A	3GPP	2DL	China Mainland, Hong Kong, Japan, Korea, Singapore,	1A, 8A	-	-	V1.0
CA_1C	3GPP	2DL	.	1A	1C	-	V1.0
CA_3A-20A	3GPP	2DL	UK, Spain, Germany, Italy, Switzerland	3A, 20A	-	-	V1.0
CA_3A-28A	3GPP	2DL	Australia, Brazil, Japan, Taiwan, Saudi	3A, 28A	-	-	V1.0
CA_3A-3A	3GPP	2DL	Australia, Brazil, Hong Kong, US, Saudi, Taiwan	3A	-	-	V1.0
CA_3A-40A	3GPP	2DL	Australia, Hong Kong, Saudi	3A	-	-	V1.0
CA_3A-41A	3GPP	2DL	Japan	3A	-	-	V1.0
CA_3A-5A	3GPP	2DL	China Mainland, Korea	3A, 5A	-	-	V1.0
CA_3A-7A	3GPP	2DL	Australia, Brazil, Hong Kong, Korea, Singapore, Taiwan, UK	3A, 7A	-	-	V1.0
CA_3A-8A	3GPP	2DL	Hong Kong, Japan, Singapore, Taiwan	3A, 8A	-	-	V1.0
CA_3C	3GPP	2DL	Australia, China Mainland, Singapore, Korea, UK, Saudi	3A	3C	-	V1.0

CA_5A-40A	3GPP	2DL	Australia	5A	-	-	V1.0
CA_5A-5A	3GPP	2DL	US	5A	-	-	V1.0
CA_5A-7A	3GPP	2DL	Canada, Korea, Mexico	5A, 7A	-	-	V1.0
CA_5B	3GPP	2DL	US	5A	5B	-	V1.0
CA_7A-20A	3GPP	2DL	UK, Spain, Germany, Italy, Switzerland	7A, 20A	-	-	V1.0
CA_7A-28A	3GPP	2DL	Argentina, Australia, Brazil, Chile, Peru, Taiwan	7A, 28A	-	-	V1.0
CA_7A-40A		2DL		7A	-	-	V1.0
CA_7A-8A	3GPP	2DL	Australia, Germany, Hong Kong, Singapore, Taiwan	7A, 8A	-	-	V1.0
CA_7B	3GPP	2DL	Australia, Canada	7A	-	-	V1.0
CA_7C	3GPP	2DL	Australia, Canada, Mexico, Peru, UK	7A	7C	-	V1.0
CA_8A-38A	3GPP	2DL	Taiwan	8A	-	-	V1.0
CA_8A-40A	3GPP	2DL	Hong Kong	8A	-	-	V1.0
CA_8A-41A	3GPP	2DL	.	8A	-	-	V1.0
CA_8B	3GPP	2DL	.	8A	8B	-	V1.0
CA_20A-38A	3GPP	2DL	.	20A	-	-	V1.0
CA_20A-41A	3GPP	2DL	Saudi	20A	-	-	V1.0
CA_28A-40A	3GPP	2DL	Australia, Saudi	28A	-	-	V1.0
CA_28A-41A	3GPP	2DL	Japan	28A	-	-	V1.0
CA_28C	3GPP	2DL	.	28A	-	-	V1.0
CA_38C	3GPP	2DL	Switzerland	38A	38C	-	V1.0
CA_40A-40A	3GPP	2DL	.	40A	-	-	V1.0
CA_40C	3GPP	2DL	Australia, China Mainland, Hong Kong, Saudi	40A	40C	-	V1.0

CA_41A-41A	3GPP	2DL	Mexico, US	41A	-	-	V1.0
CA_41C	3GPP	2DL	China Mainland, Japan, US	41A	41C	-	V1.0
CA_66A-66A	3GPP	2DL	Australia, France	66A	-	-	V1.3
CA_4A-7A	3GPP	2DL	Australia, France, Germany, Italy, Japan, Netherlands, Switzerland, Saudi, Taiwan	4A,7A	-	-	V1.3
CA_5A-7A	3GPP	2DL	Taiwan	5A,7A	-	-	V1.3
CA_4A-5A	3GPP	2DL	Australia, Brazil, China Mainland, Hong Kong, Japan, Korea, Singapore, Taiwan, UK, Saudi, Vietnam	5A,4A	-	-	V1.3
CA_5A-66A	3GPP	2DL	China Mainland, Korea	66A,5A	-	-	V1.3
CA_2A-4A	3GPP	2DL	China Mainland, Hong Kong, Japan, Korea, Singapore,	2A,4A	-	-	V1.3
CA_2A-7A	3GPP	2DL	.	2A,7A		-	V1.3
CA_2C	3GPP	2DL	Australia, Brazil, Hong Kong, US, Saudi, Taiwan	2A	2C	-	V1.3
CA_2A-28A	3GPP	2DL	Australia, Hong Kong, Saudi	2A,28A	-	-	V1.3
CA_4A-28A	3GPP	2DL	Japan	4A,28A	-	-	V1.3
CA_28A-38A	3GPP	2DL	Australia, Brazil, Hong Kong, Korea, Singapore, Taiwan, UK	28A	-	-	V1.3
CA_2A-38A	3GPP	2DL	Hong Kong, Japan, Singapore, Taiwan	2A	-	-	V1.3
CA_7A-7A	3GPP	2DL	Australia, China Mainland, Singapore, Korea, UK, Saudi	7A		-	V1.3
CA_1A-28A-40A	3GPP	3DL	Australia, Saudi	1A, 28A	-	-	V1.0
CA_1A-3A-20A	3GPP	3DL	Spain, Germany, Italy, Switzerland, UAE, UK	1A, 3A, 20A	-	-	V1.0
CA_1A-3A-28A	3GPP	3DL	Australia, Japan, Taiwan, Saudi	1A, 3A, 28A	-	-	V1.0
CA_1A-3A-38A	3GPP	3DL	Singapore, Taiwan	1A, 3A	-	-	V1.0
CA_1A-3A-40A	3GPP	3DL	Australia, Hong Kong, Saudi, Vietnam	1A, 3A	-	-	V1.0
CA_1A-3A-41A	3GPP	3DL	Japan	1A, 3A	-	-	V1.0
CA_1A-3A-5A	3GPP	3DL	China Mainland, Korea	1A, 3A, 5A	-	-	V1.0

CA_1A-3A-7A	3GPP	3DL	Australia, Hong Kong, Korea, Singapore, Taiwan, UK	1A, 3A, 7A	-	-	V1.0
CA_1A-3A-8A	3GPP	3DL	China Mainland, Hong Kong, Japan, Korea, Singapore,	1A, 3A, 8A	-	-	V1.0
CA_1A-3C	3GPP	3DL	Australia, China Mainland, Singapore, Korea, UK, Saudi	1A, 3A	3C	-	V1.0
CA_1A-40C	3GPP	3DL	Hong Kong, Saudi	1A	-	-	V1.0
CA_1A-41C	3GPP	3DL	Japan	1A	-	-	V1.0
CA_1A-7A-20A	3GPP	3DL	France, Finland, Germany, Spain, Switzerland, Sweden	1A, 7A, 20A	-	-	V1.0
CA_1A-7A-28A	3GPP	3DL	Australia, Taiwan	1A, 7A, 28A	-	-	V1.0
CA_1A-7A-40A		3DL		1A, 7A	-	-	V1.0
CA_1A-7A-8A	3GPP	3DL	France, Germany, Hong Kong, Italy, Netherlands, Singapore, Switzerland	1A, 7A, 8A	-	-	V1.0
CA_1A-7C	3GPP	3DL	Australia, UK	1A, 7A	7C	-	V1.0
CA_1A-8A-38A	3GPP	3DL	Singapore	1A, 8A, 38A	-	-	V1.0
CA_3A-20A-41A		3DL		3A, 20A	-	-	V1.0
CA_3A-28A-40A	3GPP	3DL	Australia, Saudi	3A, 28A	-	-	V1.0
CA_3A-40C	3GPP	3DL	Australia, Hong Kong, Saudi	3A	-	-	V1.0
CA_3A-41C	3GPP	3DL	Japan	3A	-	-	V1.1
CA_3A-7A-20A	3GPP	3DL	UK, Spain, Germany, Italy, Switzerland	3A, 7A, 20A	-	-	V1.0
CA_3A-7A-28A	3GPP	3DL	Australia, Germany, Netherlands, Switzerland, Taiwan	3A, 7A, 28A	-	-	V1.0
CA_3A-7A-40A		3DL		3A, 7A	-	-	V1.0
CA_3A-7A-8A	3GPP	3DL	Hong Kong, Singapore, Taiwan	3A, 7A, 8A	-	-	V1.0
CA_3A-7C	3GPP	3DL	Australia, Finland, Netherlands, UK	3A, 7A	7C	-	V1.0
CA_3A-8A-38A	3GPP	3DL	Singapore	3A, 8A	-	-	V1.0
CA_3A-8A-41A	3GPP	3DL	.	3A, 8A	-	-	V1.0

CA_3C-20A	3GPP	3DL	Germany, Switzerland	3A, 20A	3C	-	V1.0
CA_3C-28A	3GPP	3DL	Australia, Saudi	3A, 28A	3C	-	V1.0
CA_3C-38A	3GPP	3DL	Singapore	3A	3C	-	V1.0
CA_3C-5A	3GPP	3DL	Australia	3A, 5A	3C	-	V1.0
CA_3C-7A	3GPP	3DL	Australia, Singapore, UK	3A, 7A	3C	-	V1.0
CA_3C-8A	3GPP	3DL	Singapore, Korea	3A, 8A	3C	-	V1.0
CA_7A-28A-40A		3DL		7A, 28A	-	-	V1.0
CA_7C-20A	3GPP	3DL	UK	7A, 20A	7C	-	V1.0
CA_7A-40C		3DL		7A	-	-	V1.0
CA_7C-28A	3GPP	3DL	Australia, Brazil	7A, 28A	7C	-	V1.0
CA_8A-40C	3GPP	3DL	Hong Kong	8A	-	-	V1.0
CA_8A-41C	3GPP	3DL	.	8A	-	-	V1.0
CA_28A-40C	3GPP	3DL	Australia, Saudi	28A	-	-	V1.0
CA_40D	3GPP	3DL	Australia, China Mainland, India, Thailand, Philippines	40A	40C	-	V1.0
CA_41D	3GPP	3DL	China Mainland, Japan, US, Philippines, Mexico	41A	41C	-	V1.0
CA_4A-7C	3GPP	3DL	UK, Spain, Germany, Italy, Switzerland	4A,7A	7C	-	V1.3
CA_7A-66A-66A	3GPP	3DL	Australia, Hong Kong, Saudi	7A,66A	-	-	V1.3
CA_5A-7C	3GPP	3DL	Japan, Saudi	7A,5A	7C	-	V1.3
CA_2A-7C	3GPP	3DL	UK, Spain, Germany, Italy, Switzerland	2A,7A	7C	-	V1.3
CA_2A-4A-7A	3GPP	3DL	Australia, Brazil, Japan, Taiwan, Saudi	2A,7A, 4A	-	-	V1.3
CA_2A-4A-28A	3GPP	3DL	China Mainland, Korea	2A,4A, 28A	-	-	V1.3
CA_2A-7A-7A	3GPP	3DL	US	2A,7A	-	-	V1.3

CA_2A-7A-28A	3GPP	3DL	US	2A,7A, 28A		-	V1.3
CA_3A-3A-28A	3GPP	3DL	UK, Spain, Germany, Italy, Switzerland	3A,28A	-	-	V1.3
CA_3A-3A-7A	3GPP	3DL	Argentina, Australia, Brazil, Chile, Peru, Taiwan	3A,7A	-	-	V1.3
CA_1A-3A-3A		3DL		3A,1A	-	-	V1.3
CA_1A-1A-28A	3GPP	3DL	Australia, Germany, Hong Kong, Singapore, Taiwan	28A,1A	-	-	V1.3
CA_1A-1A-7A	3GPP	3DL	Australia, Canada	7A,1A	-	-	V1.3
CA_1A-1A-3A	3GPP	3DL	Australia, Canada, Mexico, Peru, UK	3A,1A		-	V1.3
CA_7A-28A-40A	3GPP	3DL	Taiwan	7A,28A	-	-	V1.3

CA & EN-DC Combination

Mode	NR	Sub-Category	CA & EN-DC Combination	4G DL 2 × 2 MIMO	NR DL 4 × 4 MIMO	Sub-6 GHz Single UL/ UL MIMO			Sub-6 GHz ULCA	Spreadsheet Version
						4G UL	NR UL	2 × 2 UL MIMO	NR UL	
EN-DC	FDD	1DL + FR1	DC_28A_n1A	28A	n1A	28A	n1A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_1A_n3A	1A	n3A	1A	n3A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_8A_n3A	8A	n3A	8A	n3A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_1A_n7A	1A	n7A	1A	n7A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_3A_n7A	3A	n7A	3A	n7A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_20A_n7A	20A	n7A	20A	n7A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_28A_n7A	28A	n7A	28A	n7A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_1A_n38A	1A	n38A	1A	n38A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_3A_n38A	3A	n38A	3A	n38A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_1A_n78A	1A	n78A	1A	n78A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_3A_n78A	3A	n78A	3A	n78A	-	-	V1.0

EN-DC	TDD	1DL + FR1	DC_7A_n78A	7A	n78A	7A	n78A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_8A_n78A	8A	n78A	8A	n78A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_20A_n78A	20A	n78A	20A	n78A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_28A_n78A	28A	n78A	28A	n78A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_38A_n78A	38A	n78A	38A	n78A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_1A_n79A	1A	n79A	1A	n79A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_3A_n79A	3A	n79A	3A	n79A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_3A_n1A	3A	n1A	3A	n1A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_7A_n1A	7A	n1A	7A	n1A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_8A_n1A	8A	n1A	8A	n1A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_20A_n1A	20A	n1A	20A	n1A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_7A_n3A	7A	n3A	7A	n3A	-	-	V1.0
EN-DC	FDD	1DL + FR1	DC_20A_n3A	20A	n3A	20A	n3A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_1A_n77A	1A	n77A	1A	n77A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_3A_n77A	3A	n77A	3A	n77A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_28A_n77A	28A	n77A	28A	n77A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_3A_n41A	3A	n41A	3A	n41A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_8A_n41A	8A	n41A	8A	n41A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_1A_n40A	1A	n40A	1A	n40A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_3A_n40A	3A	n40A	3A	n40A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_20A_n40A	20A	n40A	20A	n40A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_28A_n40A	28A	n40A	28A	n40A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_40A_n78A	40A	n78A	40A	n78A	-	-	V1.0

EN-DC	TDD	1DL + FR1	DC_20A_n41A	20A	n41A	20A	n41A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_1A_n41A	1A	n41A	1A	n41A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_41A_n78A	41A	n78A	41A	n78A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_28A_n41A	28A	n41A	28A	n41A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_5A_n40A	5A	n40A	5A	n40A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_8A_n38A	8A	n38A	8A	n38A	-	-	V1.0
EN-DC	TDD	1DL + FR1	DC_2A_n78A	2A	n78	2A	n78A	-	-	V1.3
EN-DC	TDD	1DL + FR1	DC_4A_n78A	4A	n78	4A	n78A	-	-	V1.3
EN-DC	TDD	1DL + FR1	DC_7A_n40A	7A	n40	7A	n40	-	-	V1.3
EN-DC	FDD	1DL + FR1	DC_7A_n28A	7A	n28	7A	n28	-	-	V1.3
EN-DC	FDD	1DL + FR1	DC_2A_n28A	2A	n28	2A	n28	-	-	V1.3
EN-DC	FDD	1DL + FR1	DC_ 28A_n1A	28A	n1	28A	n1	-	-	V1.3
EN-DC	FDD	1DL + FR1	DC_66A_n7A	66A	n7	66A	n7	-	-	V1.3
EN-DC	FDD	1DL + FR1	DC_2A_n7A	2A	n7	2A	n7	-	-	V1.3
EN-DC	TDD	1DL + FR1	DC_66A_n78A	66A	n78	66A	n78A	-	-	V1.3
EN-DC	FDD	2DL + FR1	DC_3A-8A_n1A	3A-8A, 8A-3A	n1A	3A, 8A	n1A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_3A-28A_n1A	3A-28A, 28A-3A	n1A	3A, 28A	n1A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_3A-41A_n1A	3A-41A	n1A	3A	n1A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_7A-8A_n1A	7A-8A, 8A-7A	n1A	7A, 8A	n1A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_7A-28A_n1A	7A-28A, 28A-7A	n1A	7A, 28A	n1A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_1A-8A_n3A	1A-8A, 8A-1A	n3A	1A, 8A	n3A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_7A-8A_n3A	7A-8A, 8A-7A	n3A	7A, 8A	n3A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_1A-3A_n7A	1A-3A, 3A-1A	n7A	1A, 3A	n7A	-	-	V1.0

EN-DC	FDD	2DL + FR1	DC_1A-8A_n7A	1A-8A, 8A-1A	n7a	1A, 8A	n7A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_1A-20A_n7A	1A-20A, 20A-1A	n7a	1A, 20A	n7A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_1A-28A_n7A	1A-28A, 28A-1A	n7A	1A, 28A	n7A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_1A-40A_n7A	1A-40A	n7A	1A	n7A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_3A-20A_n7A	3A-20A, 20A-3A	n7A	3A, 20A	n7A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_3A-28A_n7A	3A-28A, 28A-3A	n7A	3A, 28A	n7A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_3A-40A_n7A	3A-40A	n7A	3A	n7A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3C_n78A	3C	n78A	3C	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7C_n78A	7C	n78A	7C	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-3A_n78A	1A-3A, 3A-1A	n78A	1A, 3A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-7A_n78A	1A-7A, 7A-1A	n78A	1A, 7A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-8A_n78A	1A-8A, 8A-1A	n78A	1A, 8A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-20A_n78A	1A-20A, 20A-1A	n78A	1A, 20A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-3A_n78A	3A-3A	n78A	3A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-7A_n78A	3A-7A, 7A-3A	n78A	3A, 7A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-8A_n78A	3A-8A, 8A-3A	n78A	3A, 8A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-20A_n78A	3A-20A, 20A-3A	n78A	3A, 20A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-28A_n78A	3A-28A, 28A-3A	n78A	3A, 28A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-38A_n78A	3A-38A	n78A	3A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-20A_n78A	7A-20A, 20A-7A	n78A	7A, 20A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-28A_n78A	7A-28A, 28A-7A	n78A	7A, 28A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-40A_n78A	7A-40A	n78A	7A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_8A-41A_n78A	8A-41A	n78A	8A	n78A	-	-	V1.0

EN-DC	TDD	2DL + FR1	DC_20A-38A_n78A	20A-38A	n78A	20A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_20A-40A_n78A	20A-40A	n78A	20A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_20A-41A_n78A	20A-41A	n78A	20A	n78A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_3A-20A_n1A	3A-20A, 20A-3A	n1A	3A, 20A	n1A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_3A-7A_n1A	3A-7A	n1A	3A, 7A	n1A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_7A-20A_n1A	7A-20A, 20A-7A	n1A	7A, 20A	n1A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_1A-20A_n3A	1A-20A, 20A-1A	n3A	1A, 20A	n3A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_1A-7A_n3A	1A-7A, 7A-1A	n3A	1A, 7A	n3A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-3A_n77A	1A-3A, 3A-1A	n77A	1A, 3A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-7A_n77A	1A-7A, 7A-1A	n77A	1A, 7A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-8A_n77A	1A-8A, 8A-1A	n77A	1A, 8A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-20A_n77A	1A-20A, 20A-1A	n77A	1A, 20A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-28A_n77A	1A-28A, 28A-1A	n77A	1A, 28A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-40A_n77A	1A-40A	n77A	1A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-41A_n77A	1A-41A	n77A	1A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-41A_n78A	1A-41A	n78A	1A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-8A_n77A	3A-8A, 8A-3A	n77A	3A, 8A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-20A_n77A	3A-20A, 20A-3A	n77A	3A, 20A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-28A_n77A	3A-28A, 28A-3A	n77A	3A, 28A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-40A_n77A	3A-40A	n77A	3A	n77A			V1.0
EN-DC	TDD	2DL + FR1	DC_3A-41A_n77A	3A-41A	n77A	3A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-41A_n78A	3A-41A	n78A	3A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-7A_n78A	7A-7A	n78A	7A	n78A	-	-	V1.0

EN-DC	TDD	2DL + FR1	DC_1A-28A_n40A	1A-28A, 28A-1A	n40A	1A, 28A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-3A_n40A	1A-3A, 3A-1A	n40A	1A, 3A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-7A_n40A	1A-7A, 7A-1A	n40A	1A, 7A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-8A_n40A	1A-8A, 8A-1A	n40A	1A, 8A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-20A_n40A	1A-20A, 20A-1A	n40A	1A, 20A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-7A_n40A	3A-7A, 7A-3A	n40A	3A,7A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-20A_n40A	3A-20A, 20A-3A	n40A	3A, 20A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-28A_n40A	3A-28A, 28A-3A	n40A	3A, 28A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-40A_n78A	1A-40A	n78A	1A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_28A-40A_n78A	28A-40A	n78A	28A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-40A_n78A	3A-40A	n78A	3A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-28A_n78A	1A-28A, 28A-1A	n78A	1A, 28A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_40C_n78A	40C	n78A	40A, 40C	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_41A-41A_n78A	41A-41A	n78A	41A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_41C_n78A	41C	n78A	41A, 41C	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-8A_n78A	7A-8A, 8A-7A	n78A	7A, 8A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-3A_n41A	1A-3A, 3A-1A	n41A	1A, 3A	n41A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-8A_n41A	1A-8A, 8A-1A	n41A	1A, 8A	n41A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-20A_n41A	1A-20A, 20A-1A	n41A	1A, 20A	n41A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1A-28A_n41A	1A-28A, 28A-1A	n41A	1A, 28A	n41A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_3A-3A_n7A	3A-3A	n7A	3A	n7A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_3A-3A_n1A	3A-3A	n1A	3A	n1A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_7A-7A_n1A	7A-7A	n1A	7A	n1A	-	-	V1.0

EN-DC	FDD	2DL + FR1	DC_7A-40A_n1A	7A-40A	n1A	7A	n1A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-7A_n40A	7A-7A	n40A	7A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-3A_n40A	3A-3A	n40A	3A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-8A_n40A	7A-8A, 8A-7A	n40A	7A, 8A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-20A_n40A	7A-20A, 20A-7A	n40A	7A, 20A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-28A_n40A	7A-28A, 28A-7A	n40A	7A, 28A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-3A_n77A	3A-3A	n77A	3A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-7A_n77A	3A-7A, 7A-3A	n77A	3A, 7A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-7A_n77A	7A-7A	n77A	7A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-8A_n77A	7A-8A, 8A-7A	n77A	7A, 8A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-20A_n77A	7A-20A, 20A-7A	n77A	7A, 20A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-28A_n77A	7A-28A, 28A-7A	n77A	7A, 28A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_7A-40A_n77A	7A-40A	n77A	7A	n77A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-3A_n41A	3A-3A	n41A	3A	n41A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-8A_n41A	3A-8A, 8A-3A	n41A	3A, 8A	n41A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-20A_n41A	3A-20A, 20A-3A	n41A	3A, 20A	n41A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-28A_n41A	3A-28A, 28A-3A	n41A	3A, 28A	n41A	-	-	V1.0
EN-DC	FDD	2DL + FR1	DC_3A-40A_n1A	3A-40A	n1A	3A	n1A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_1C_n78A	1C	n78A	1A	n78A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_3A-8A_n40A	3A-8A, 8A-3A	n40A	3A, 8A	n40A	-	-	V1.0
EN-DC	TDD	2DL + FR1	DC_66A-66A_n78A	66A-66A	n78	66A	n78A	-	-	V1.3
EN-DC	TDD	2DL + FR1	DC_7A-66A_n78A	66A-7A, 7A-66A	n78	66A,7A	n78A	-	-	V1.3
EN-DC	TDD	2DL + FR1	DC_5A-7A_n78A	5A-7A,7A-5A	n78	5A,7A	n78A	-	-	V1.3

EN-DC	TDD	2DL + FR1	DC_5A-66A_n78A	5A-66A, 66A-5A	n78	5A,66A	n78A	-	-	V1.3
EN-DC	TDD	2DL + FR1	DC_2A-7A_n78A	2A-7A,7A-2A	n78	2A,7A	n78A	-	-	V1.3
EN-DC	TDD	2DL + FR1	DC_2A-38A_n78A	2A-38A	n78	2A	n78A	-	-	V1.3
EN-DC	TDD	2DL + FR1	DC_2A-66A_n78A	2A-66A, 66A-2A	n78	2A,66A	n78A	-	-	V1.3
EN-DC	TDD	2DL + FR1	DC_2A-28A_n78A	2A-28A, 28A-2A	n78	2A,28A	n78A	-	-	V1.3
EN-DC	FDD	2DL + FR1	DC_7C_n28A	7A,7C	n28	7A,7C	n28	-	-	V1.3
EN-DC	FDD	2DL + FR1	DC_ 7C_n1A	7C,7A	n1	7A,7C	n1	-	-	V1.3
EN-DC	FDD	2DL + FR1	DC_3C_n1A	3A,3C	n1	3A,3C	n1	-	-	V1.3
EN-DC	FDD	2DL + FR1	DC_66A-66A_n7A	66A-66A	n7	66A-66A	n7	-	-	V1.3
EN-DC	TDD	3DL + FR1	DC_1A-3C_n41A	1A-3C, 3C-1A	n41A	1A,3A	n41A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_1A-3C_n78A	1A-3C, 3C-1A	n78A	1A, 3C	n78A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_1A-7C_n78A	1A-7C, 7C-1A	n78A	1A, 7C	n78A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_3A-7C_n78A	3A-7C, 7C-3A	n78A	3A, 7C	n78A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_3C-7A_n78A	7A-3C, 3C-7A	n78A	3C, 7A	n78A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_3C-20A_n78A	3C-20A, 20A-3C	n78A	3C, 20A	n78A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_1A-41C_n78A	1A-41C	n78A	1A	n78A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_3C-28A_n78A	3C-28A, 28A-3C	n78A	3C, 28A	n78A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_7C-28A_n78A	7C-28A, 28A-7C	n78A	7C, 28A	n78A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_1A-28C_n41A	1A-28C, 28C-1A	n41A	1A, 28C	n41A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_3A-28C_n41A	3A-28C, 28C-3A	n41A	3A, 28C	n41A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_3C-8A_n41A	3C-8A, 8A-3C	n41A	3C, 8A	n41A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_3C-20A_n41A	3C-20A, 20A-3C	n41A	3A, 20A	n41A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_3C-20A_n77A	3C-20A, 20A-3C	n77A	3A, 20A	n77A	-	-	V1.0

EN-DC	TDD	3DL + FR1	DC_3C-28A_n77A	3C-28A, 28A-3C	n77A	3A, 28A	n77A	-	-	V1.0
EN-DC	TDD	3DL + FR1	DC_7C-66A_n78A	66A-7C, 7C-66A	n78	66A,7A,7C	n78A	-	-	V1.3
EN-DC	TDD	3DL + FR1	DC_2A-7C_n78A	2A-7C,7C-2A	n78	2A,7A,7C	n78A	-	-	V1.3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TEL2
TEL1
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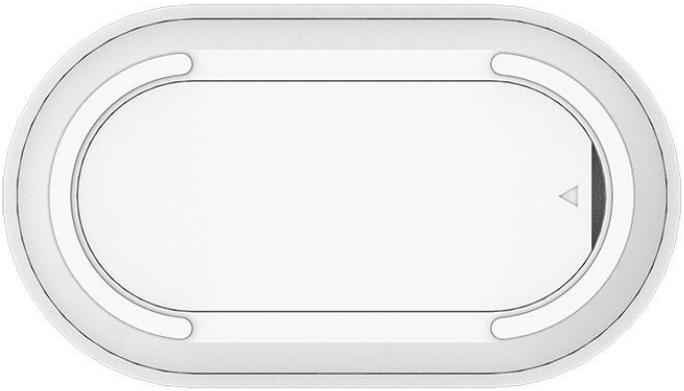
RESET
WAN/LAN
LAN1
LAN2
POWER
DC IN




BATTERY
WiFi
SYS
5G/4G
NET
POWER


5G + Wi-Fi6 technology
5G/4G high-speed network | Intelligent 5G chip

Smart Chips

Enjoy a 5G high-speed internet experience, with a theoretical peak downlink rate of 2.2Gbps, supporting the global mainstream frequency band.

RG500U
Professional chip

2.2 Gbps
Download rate

5G/4G/3G
High compatibility

Kind reminder: Please refer to the actual version selected for the frequency band. Different versions support different network frequency bands. The download rate is the peak rate, and there may be slight differences in the 5G download rate depending on the limitations of the operator of your access card.


5G
5G high-speed
Dual band WiFi
SIM card
BATTERY
WiFi
SYS
5G/4G
NET
POWER


Supports Wi-Fi 6
multi device internet
access without queuing
Wi Fi 6 is a new generation Wi Fi standard that provides higher transmission rates, lower latency, and wider coverage for simultaneous communication between multiple devices compared to the previous generation Wi Fi 5.
6
BATTERY
WiFi
SYS
5G/4G
NET
POWER

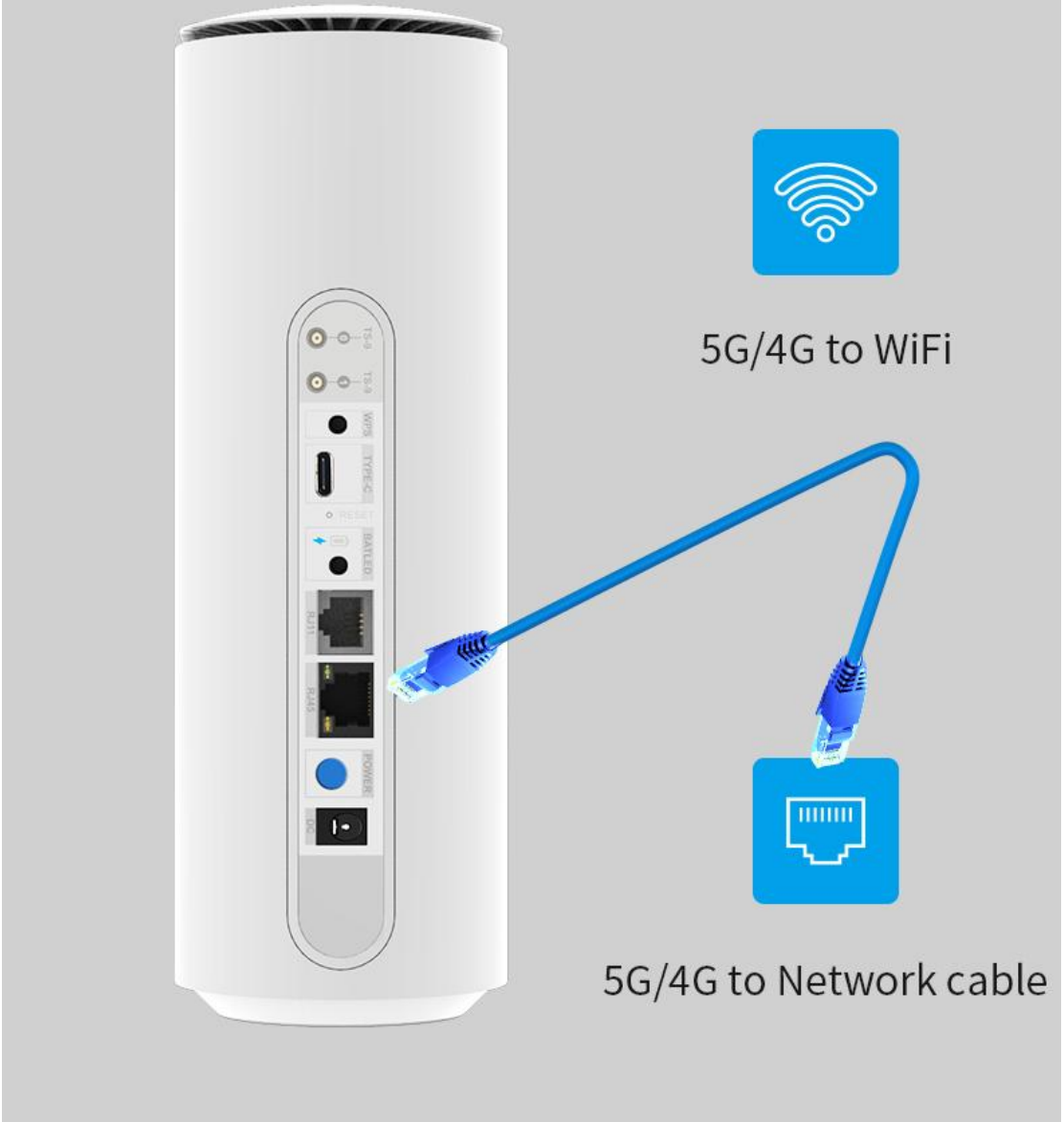

Vertical shape
Simplicity is not simple, with a high appearance in a vertical shape and white accents in the home environment, it looks great everywhere.


More devices
A 5G device that allows the entire family to enjoy a 5G network, supporting up to 32 users and meeting the family’ s video and entertainment
BATTERY
WiFi
SYS
5G/4G
NET
POWER


Plug and Play
Support 5G/4G full network connection with 5G SIM card, and enjoy a 5G high-speed network wireless broadband experience.
5G
5G high-speed
Dual band WiFi
SIM card
BATTERY
WiFi
SYS
5G/4G
NET
POWER

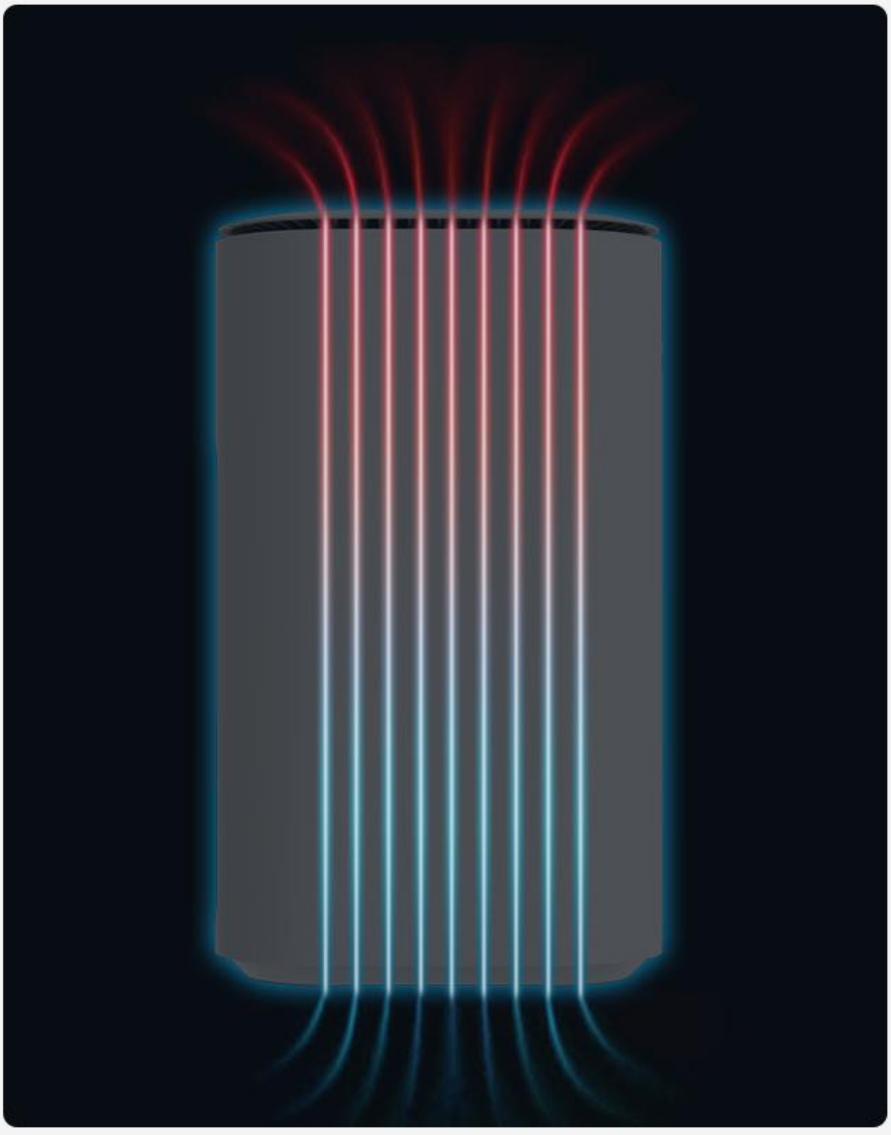
High speed

As long as there is 5G signal coverage, high-speed Wi Fi can be obtained by inserting a card, without the need for complicated network relocation procedures. Office/exhibition/store/rental can be quickly and flexibly networked.



Industrialized design

Adopting a new solution architecture, selecting core components, ensuring low power consumption while adopting a vertical design, effective heat dissipation, ensuring long-term temperature stability, stable network performance, and reliable operation.



Product quotation